

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,167,277 B2
APPLICATION NO. : 10/602642
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INVENTOR(S) : Masayoshi Shimizu et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

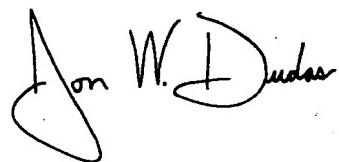
Title Page, Column 2 (Abstract), Item 57 Line 11, after "range" insert ----.

Title Page, Column 2 (Abstract), Item 57 Line 12, change "a problem" to --problems--.

This certificate supersedes Certificate of Correction issued April 17, 2007.

Signed and Sealed this

Eighth Day of May, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office